

Message Text

UNCLASSIFIED

PAGE 01 QUITO 04852 201957Z
ACTION ERDA-07

INFO OCT-01 ARA-14 ISO-00 FEA-01 AID-05 CEA-01 CIAE-00
COME-00 EPG-02 DODE-00 EB-07 FPC-01 H-02 INR-07
INT-05 L-03 NSAE-00 NSC-05 OMB-01 PM-05 USIA-15
OES-07 SP-02 SS-15 STR-04 TRSE-00 ACDA-10 PA-02
PRS-01 /123 W

-----003646 210410Z /21

R 201735Z JUL 77
FM AMEMBASSY QUITO
TO SECSTATE WASHDC 5127

UNCLAS QUITO 4852

E.O. 11652: N/A
TAGS: TECH, ENRG, EC
SUBJECT: INTERNATIONAL APPLICATION OF GEOTHERMAL ENERGY

REF: STATE A-2873

1. RESPONSE KEYED TO QUESTIONS IN REFTEL. INFORMATION
SUPPLIED BY JULIO GRANJA (SEE D BELOW).
A. THERE IS NO INSTALLED GEOTHERMAL CAPACITY IN ECUADOR AT
PRESENT.
B. THE GOE HAS PLANS TO INSTALL AN ELECTRIC GEOTHERMAL
SYSTEM, BUT NO TIMETABLE IS YET AVAILABLE.
C. THE GOE DOES NOT YET HAVE ANY ESTIMATES OF GEOTHERMAL
CAPACITY TO BE PROVIDED BY THIS SYSTEM.
D. THE COORDINATOR FOR GOE GEOTHERMAL DEVELOPMENT IS ING.
JULIO GRANJA, ASSISTANT DIRECTOR, DIRECTORATE GENERAL OF
HYDROCARBONS, MINISTRY OF NATURAL RESOURCES. THE RESPONSIBLE
GOE AGENCY IS INECEL, THE NATIONAL ELECTRIFICATION AUTHORITY.
E. GRANJA TOLD THE EMBASSY THAT ECUADOR HAS A BILATERAL
AGREEMENT WITH THE ITALIAN GOVERNMENT FOR ASSISTANCE IN ALL
PHASES OF GEOTHERMAL DEVELOPMENT. FIRST STEP WILL BE
THE TRAINING OF ECUADOREAN ENGINEERS AND TECHNICIANS IN
ITALY. GRANJA IMPLIED THAT THE GOE MIGHT ALSO CONSIDER
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ASSISTANCE FROM OTHER SOURCES, BUT TO DATE THE ITALIANS
HAD GIVEN THE ONLY "SERIOUS" OFFER OF TECHNICAL ASSISTANCE.
F. THERE ARE NO TECHNICAL OR FINANCIAL CONSTRAINTS.

2. EMBASSY COMMENT: GRANJA IS PERSONALLY VERY INTERESTED
IN GEOTHERMAL DEVELOPMENT, AND OUR LOCAL USIS LIBRARY
HAS SUPPLIED HIM WITH EXTENSIVE MATERIAL ON THE SUBJECT.

GOE PLANS FOR GEOTHERMAL DEVELOPMENT ARE, HOWEVER, VERY MUCH IN INITIAL STAGES AND NOT A SERIOUS PRIORITY OF THIS PETROLEUM-PRODUCING COUNTRY. ECUADOR MAY, HOWEVER, BE A GOOD PROSPECT FOR TECHNICAL ASSISTANCE FROM U.S. SOURCES, SINCE THE GEOTHERMAL POTENTIAL HERE IS GOOD (ACCORDING TO GRANJA), WHILE LONG-RUN PETROLEUM PROSPECTS NOT ENCOURAGING.
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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: GEOTHERMAL ENERGY
Control Number: n/a
Copy: SINGLE
Sent Date: 20-Jul-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01-Jan-1960 12:00:00 am
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977QUITO04852
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770258-1049
Format: TEL
From: QUITO
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770736/aaaabenk.tel
Line Count: 70
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 22f46d66-c288-dd11-92da-001cc4696bcc
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Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
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Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 1797215
Secure: OPEN
Status: NATIVE
Subject: INTERNATIONAL APPLICATION OF GEOTHERMAL ENERGY
TAGS: TECH, ENRG, EC
To: STATE
Type: TE
vdkgvwkey: odbc://SAS/SAS.dbo.SAS_Docs/22f46d66-c288-dd11-92da-001cc4696bcc
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